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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/666,729	09/18/2003	Foster D. Hinshaw	3336.1016-001	6049
21005	7590	07/28/2008	EXAMINER	
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.			FLEURANTIN, JEAN B	
530 VIRGINIA ROAD			ART UNIT	PAPER NUMBER
P.O. BOX 9133			2162	
CONCORD, MA 01742-9133				
MAIL DATE	DELIVERY MODE			
07/28/2008	PAPER			

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/666,729	HINSHAW ET AL.	
	Examiner	Art Unit	
	JEAN B. FLEURANTIN	2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 04/21/2008.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 2-11,13-29,31-37 and 39-47 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) 2-11,13-29,31-37 and 39-47 is/are allowed.

6) Claim(s) _____ is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.

4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.

5) Notice of Informal Patent Application

6) Other: _____.

DETAILED ACTION

Response to Amendment

1. This is in response to Applicant(s) arguments filed on 04/21/2008.

The following is the current status of claims:

Claims 1, 12, 30 and 38 have been canceled.

Claims 2-11, 13-29, 31-37 and 39-47 remain pending for examination.

Response to Arguments

Applicant's arguments, filed 04/21/2008, with respect to 2-11, 13-29, 31-37 and 39-47 have been fully considered and are persuasive. The 35 U.S.C. 103(a) over USPN 6,507,834 issued to Kabra et al., ("Kabra") in view of USPN 7,191,169 issued to Tao ("Tao") rejection(s) of 2-11, 13-29, 31-37 and 39-47 has (have) been withdrawn.

This application is in condition for allowance except for the following formal matters:

The independent claim 13

Line 14, change "the sequence in a manner free of necessarily materializing data" to - - the sequence of required data - -.

Lines 20-22, change "*wherein record data are processed at intermediate parts on the logical data flow as a collection of data field values in a manner free of being materialized as whole records between two successive operators; and*" to - - wherein record data are processed at intermediate parts on the logical data flow as a collection of data field values as whole records between two successive operators; and - -.

The independent claim 39

Line 14, change “*processing record data at intermediate locations on the logical data path as a collection of data field values, in a manner free of being materialized as whole records between two successive operators;*” to - - processing record data at intermediate locations on the logical data path as a collection of data field values as whole records between two successive operators;- -.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Claims 2-11, 13-29, 31-37 and 39-47 are allowed over the art of record.

Art Unit: 2162

CONTACT INFORMATION

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEAN B. FLEURANTIN whose telephone number is 571-272-4035. The examiner can normally be reached on 7:05 to 4:35.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JOHN E BREENE can be reached on 571-272-4107. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/JEAN B. FLEURANTIN/

Primary Examiner, Art Unit 2162